

**BEST VERIFICATION LLC**

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FCC ID: SYW-SHOP840MOT2

1. Limits

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

formula: $P_d = EIRP / (4 * \pi * R^2)$

where

P_d = power density in mW/cm²

EIRP = Effective Isotropic Radiated Power in mW

π = 3.1415926

R = distance between observation point and center of the radiator in cm

2. CALCULATION

Frequency (MHz)	E (dBuV/m)	EIRP (dBm)	EIRP (mW)	Separation Distance (cm)	Power Density (mW/cm ²)	Result
5796.799	91.56	-3.64	0.43	20	0.0001	PASS